

F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

**EXISTING SIGNS**

R4-7 (30"x36") 15,20

W3-1 (24"x12") SOUTH NORTH 17

MI-6A (36"x36") 18,21,22,23

W3-1 (24"x12") 28

MI-6A (36"x36") 29,30

R5-1 (36"x36") DO NOT ENTER 18,21,22,23

R5-9 (36"x24") WRONG WAY 25,26

R6-1 (36"x12") ONE WAY 29,30

W3-1A (36"x36") (TO BE REMOVED)

**PROPOSED SIGNALS**

12" R Y G 1-5, 7, 8, 32

12" R Y G 6

**PROPOSED SIGNS**

R3-5(L) (30"x36") ONLY 11,12

W3-3 (36"x36") NEW 13,16

W3-3 (36"x36") NEW 27

DI-1 (48"x24") 31

R3-2 (30"x30") 19

R3-2 (36"x36") 10

R3-1 (30"x30") 14

R3-1 (36"x36") 9

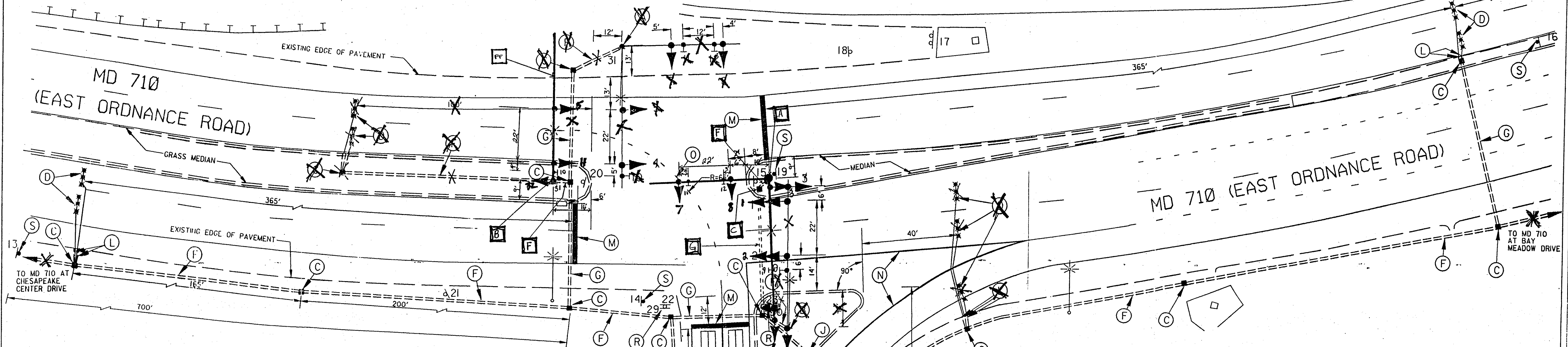
**NEMA PHASING**

Ø2 Ø4 Ø6

**FLASHING OPERATION**

**PHASING NOTES:**  
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

MD 710 IS ASSUMED TO RUN IN A EAST / WEST DIRECTION.



**CONSTRUCTION DETAIL**

- A. Install 27 ft steel pole with twin 56 ft and 50 ft mast arms, signal heads, signs, and a 20 ft lighting arm with a 250 watt HPS lamp and luminaire. (Note: one 2 in. 90 degree PVC schedule 40 conduit bend and four 1-3/4 in. x 90 in. anchor bolts).
- B. Install 27 ft steel pole with a 60 ft mast arm, signal heads, signs, and a 20 ft lighting arm with a 250 watt HPS lamp and luminaire. (Note: one 2 in. 90 degree PVC schedule 40 conduit bend and four 1-3/4 in. x 90 in. anchor bolts).
- C. Install handhole.
- D. Install micro loop probe set with 1000 ft lead in cable.
- E. Install 6 ft x 30 ft quadrupole loop detector (2-4-2-turns) encased in flexible tubing.
- F. Install 2 in. PVC schedule to electrical conduit - trrenched.
- G. Install 3 in. PVC schedule 80 electrical conduit - pushed, slotted.
- H. Install two 4 in. PVC schedule 80 electrical conduit - pushed.
- J. Install two 4 in. PVC schedule 80 electrical conduit - trrenched.
- K. Install 4 in. PVC schedule 40 electrical conduit - trrenched.
- L. Install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
- M. Install 24 in. white permanent preformed pavement marking tape.
- N. Install 5 in. white permanent preformed pavement marking tape.
- O. Install 5 in. white auxiliary lane line (2 ft segment with 6 ft gaps).
- P. Install base mounted controller and cabinet as shown.
- Q. Proposed power service by BG&E.
- R. Remove existing stop sign.
- S. Install ground mounted sign.
- BB. Remove/grind existing pavement marking.
- CC. Remove existing W 3-1a sign.
- FF. Cut, clean, galvanize and cap mast arm as directed by the Engineer.

UTILITY LEGEND	
T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN
GEOMETRIC LEGEND	
---	EXISTING GEOMETRICS
---	PROPOSED GEOMETRICS

**GENERAL NOTES**

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARD. SEE SHEET 2 OF 4 FOR ADDITIONAL PAVEMENT MARKINGS.

2. D.O. DENOTES DELAYED OUTPUT.

3. HANDHOLES ARE TO BE SPACED 200 FEET APART UNLESS OTHERWISE DETAILED ON PLANS.

<b>REVISIONS</b> 1. 9/1/95 2. 9/1/95 3. 9/1/95		<b>APPROVALS</b> [Signature] 9/1/95 CHIEF, SIGNAL DESIGN SECTION [Signature] 9/1/95 ASST. DISTRICT ENGINEER, TRAFFIC [Signature] 9/2/95 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION [Signature] 9/2/95 DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC		<b>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</b> Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION ORIGINAL DRAWN BY: ROB CICCINI DES. BY: D. PETERS / J. ALLEN JR. CHK. BY: [Signature] DATE: 9/6/95 F.A.P. NO.: SCALE: 1"=20' S.H.A. NO.:		<b>MD 710 @ MD 10 (RAMP)</b> LOG MILE #02071000.79 COUNTY: ANNE ARUNDEL TS/FILE NO. 3536 SHEET NO. 1 OF 4	
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Per Steve Renzi, notes cannot be installed + meter at Baymeadow Drive  
 need meter + phase line installed

F. 1 x